

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/000130

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A45D40/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A45D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 376 401 A (JOUBERT GEORGES) 28 July 1978 (1978-07-28) page 1, paragraph 5 page 2, paragraph 7 page 3, paragraph 5; figures 1,2	1-3, 7
Y	---	11-13, 16
X	WO 00/43286 A (BARBESINO CLAUDIO ;ISTITUTO PROFILATTICO (IT)) 27 July 2000 (2000-07-27) abstract page 2, line 21-24 page 3, line 15-24; figure 1	1-3, 7
Y	---	11-13, 16
X	US 5 856 653 A (BOUDREAUX NONA) 5 January 1999 (1999-01-05) column 1, line 35-42; figure 1	1-3
	---	-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "D" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "Z" document member of the same patent family

Date of the actual completion of the international search

4 May 2004

Date of mailing of the international search report

19/05/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lang, D

**INTERNATIONAL SEARCH REPORT**International Application No  
PCT/EP2004/000130

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 913 957 A (STRACK DAVID C ET AL) 3 April 1990 (1990-04-03) column 1, line 11-23 column 1, line 53-64 column 2, line 4-28; figures 1,2	14,15
Y	-----	17
Y	EP 1 191 317 A (SONOCO DEV INC) 27 March 2002 (2002-03-27) the whole document	11-13, 16,17
Y	US 5 786 578 A (PARKER ROBERT ET AL) 28 July 1998 (1998-07-28) the whole document	11-13, 16,17
Y	US 4 933 525 A (ST PHILLIPS ERIC A) 12 June 1990 (1990-06-12) the whole document	11-13, 16,17
	-----	

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/000130

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
FR 2376401	A	28-07-1978	FR	2376401 A1		28-07-1978
			FR	2442435 A2		20-06-1980
WO 0043286	A	27-07-2000	IT	MI990084 A1		19-07-2000
			AU	2128900 A		07-08-2000
			BR	0008893 A		30-10-2001
			CA	2359671 A1		27-07-2000
			EP	1147056 A1		24-10-2001
			HU	0105100 A2		29-04-2002
			WO	0043286 A1		27-07-2000
			JP	2002535295 T		22-10-2002
US 5856653	A	05-01-1999	NONE			
US 4913957	A	03-04-1990	NONE			
EP 1191317	A	27-03-2002	US	6544614 B1		08-04-2003
			AU	7212701 A		28-03-2002
			BR	0104145 A		23-03-2004
			CA	2357495 A1		21-03-2002
			EP	1191317 A1		27-03-2002
			JP	2002189416 A		05-07-2002
US 5786578	A	28-07-1998	NONE			
US 4933525	A	12-06-1990	NONE			